

| Ref # | Hits | Search Query                                                                                                                          | DBs                                    | Default Operator | Plurals | Time Stamp       |
|-------|------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------|---------|------------------|
| L1    | 16   | ((high with digital with subscriber with line) or HDSL) with ((embedded with operation with channel) or EOC)                          | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 08:31 |
| L2    | 1    | ((high with digital with subscriber with line) or HDSL) same ((embedded with operation with channel) or EOC) and hop\$4 with count\$3 | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 08:37 |
| L3    | 1    | ((high with digital with subscriber with line) or HDSL) and ((embedded with operation with channel) or EOC) and hop\$4 with count\$3  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 08:32 |
| L4    | 15   | ((high with digital with subscriber with line) or HDSL) and hop\$4 with count\$3                                                      | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 08:32 |
| L5    | 3    | ((embedded with operation with channel) or EOC) and hop\$4 with count\$3                                                              | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 08:38 |

| Ref # | Hits | Search Query                                                                                                                          | DBs                                    | Default Operator | Plurals | Time Stamp       |
|-------|------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------|---------|------------------|
| L1    | 16   | ((high with digital with subscriber with line) or HDSL) with ((embedded with operation with channel) or EOC)                          | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 09:38 |
| L2    | 1    | ((high with digital with subscriber with line) or HDSL) same ((embedded with operation with channel) or EOC) and hop\$4 with count\$3 | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 08:37 |
| L3    | 1    | ((high with digital with subscriber with line) or HDSL) and ((embedded with operation with channel) or EOC) and hop\$4 with count\$3  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 09:26 |
| L4    | 15   | ((high with digital with subscriber with line) or HDSL) and hop\$4 with count\$3                                                      | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 08:32 |
| L5    | 3    | ((embedded with operation with channel) or EOC) and hop\$4 with count\$3                                                              | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 08:38 |
| L6    | 1    | ((digital with subscriber with line) or \$2DSL) and ((embedded with operation with channel) or EOC) and hop\$4 with count\$3          | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 09:27 |
| L7    | 114  | ((digital with subscriber with line) or \$2DSL) and hop\$4 with count\$3                                                              | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 09:36 |
| L8    | 1    | ((digital with subscriber with line) or \$2DSL) with hop\$4 with count\$3                                                             | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 09:27 |
| L9    | 2    | ((digital with subscriber with line) or \$2DSL) same hop\$4 with count\$3                                                             | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 09:28 |
| L10   | 8    | ((digital with subscriber with line) or \$2DSL) and compar\$3 with (hop\$4 with count\$3)                                             | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 09:28 |
| L11   | 1    | ((digital with subscriber with line) or \$2DSL) and (embedded with operation with channel) and hop\$4 with count\$3                   | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 09:36 |

|     |     |                                                                                     |                                        |    |    |                  |
|-----|-----|-------------------------------------------------------------------------------------|----------------------------------------|----|----|------------------|
| L12 | 114 | ((digital with subscriber with line) or \$2DSL) and hop\$4 with count\$3            | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:36 |
| L13 | 1   | ((high with digital with subscriber with line) or HDSL) with (hop\$4 with count\$3) | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:39 |
| L14 | 1   | ((high with digital with subscriber with line) or HDSL) same (hop\$4 with count\$3) | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:39 |
| L15 | 15  | ((high with digital with subscriber with line) or HDSL) and (hop\$4 with count\$3)  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:41 |
| L16 | 3   | ((embedded with operation with channel) or EOC) and (hop\$4 with count\$3)          | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:41 |
| L17 | 1   | (embedded with operation with channel) and (hop\$4 with count\$3)                   | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:42 |

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|-------|------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------|---------|------------------|
| L1    | 16   | ((high with digital with subscriber with line) or HDSL) with ((embedded with operation with channel) or EOC)                          | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 09:54 |
| L2    | 1    | ((high with digital with subscriber with line) or HDSL) same ((embedded with operation with channel) or EOC) and hop\$4 with count\$3 | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 08:37 |
| L3    | 1    | ((high with digital with subscriber with line) or HDSL) and ((embedded with operation with channel) or EOC) and hop\$4 with count\$3  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 09:26 |
| L4    | 15   | ((high with digital with subscriber with line) or HDSL) and hop\$4 with count\$3                                                      | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 08:32 |
| L5    | 3    | ((embedded with operation with channel) or EOC) and hop\$4 with count\$3                                                              | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 08:38 |
| L6    | 1    | ((digital with subscriber with line) or \$2DSL) and ((embedded with operation with channel) or EOC) and hop\$4 with count\$3          | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 09:27 |
| L7    | 114  | ((digital with subscriber with line) or \$2DSL) and hop\$4 with count\$3                                                              | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 09:36 |
| L8    | 1    | ((digital with subscriber with line) or \$2DSL) with hop\$4 with count\$3                                                             | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 09:27 |
| L9    | 2    | ((digital with subscriber with line) or \$2DSL) same hop\$4 with count\$3                                                             | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 09:28 |
| L10   | 8    | ((digital with subscriber with line) or \$2DSL) and compar\$3 with (hop\$4 with count\$3)                                             | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 09:28 |
| L11   | 1    | ((digital with subscriber with line) or \$2DSL) and (embedded with operation with channel) and hop\$4 with count\$3                   | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2006/01/20 09:36 |

|     |     |                                                                                                 |                                        |    |    |                  |
|-----|-----|-------------------------------------------------------------------------------------------------|----------------------------------------|----|----|------------------|
| L12 | 114 | ((digital with subscriber with line) or \$2DSL) and hop\$4 with count\$3                        | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:36 |
| L13 | 1   | ((high with digital with subscriber with line) or HDSL) with (hop\$4 with count\$3)             | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:39 |
| L14 | 1   | ((high with digital with subscriber with line) or HDSL) same (hop\$4 with count\$3)             | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:39 |
| L15 | 15  | ((high with digital with subscriber with line) or HDSL) and (hop\$4 with count\$3)              | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:41 |
| L16 | 3   | ((embedded with operation with channel) or EOC) and (hop\$4 with count\$3)                      | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:49 |
| L17 | 1   | (embedded with operation with channel) and (hop\$4 with count\$3)                               | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:42 |
| L18 | 1   | (embedded with operation with channel) and (hop\$4 with count\$3)                               | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:49 |
| L19 | 41  | (embedded with operation with channel) and hop\$4                                               | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:50 |
| L20 | 1   | (embedded with operation with channel) and hop\$4 same count\$3                                 | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:50 |
| L21 | 2   | ((high with digital with subscriber with line) or HDSL) with hop\$4                             | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:54 |
| L22 | 7   | ((high with digital with subscriber with line) or HDSL) same hop\$4                             | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:56 |
| L23 | 2   | ((high with digital with subscriber with line) or HDSL) and count\$3 with (repeater or doubler) | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:57 |

|     |     |                                                                                                                                |                                        |    |    |                  |
|-----|-----|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----|----|------------------|
| L24 | 9   | ((high with digital with subscriber with line) or HDSL) and hop\$4 with (repeater or doubler)                                  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:57 |
| L25 | 421 | ((high with digital with subscriber with line) or HDSL) and (repeater or doubler)                                              | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:58 |
| L26 | 87  | ((high with digital with subscriber with line) or HDSL) with (repeater or doubler)                                             | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:58 |
| L27 | 1   | ((high with digital with subscriber with line) or HDSL) with (repeater or doubler) with (embedded with operation with channel) | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:58 |
| L28 | 1   | ((high with digital with subscriber with line) or HDSL) with (repeater or doubler) same (embedded with operation with channel) | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 09:58 |
| L29 | 12  | ((high with digital with subscriber with line) or HDSL) with (repeater or doubler) and (embedded with operation with channel)  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2006/01/20 10:03 |